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Atty. Docket No.: 2846/2102 PATENT
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Michael J. Naughton
Serial No.: 10/665,800
Filed: September 18, 2003
Titled: Nanotube Cantilever Probes for
Nanoscale Magnetic Microscopy

Examiner: Louis M. Arana

Group Art Unit: 2859

Conf. No.: 6142

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8a

I hereby certify that this correspondence (and any paper or fee referred to as being enclosed) is being deposited with the United States Post Office as First Class Mail on the date indicated below in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Melissa Powers

Name of Person Mailing Paper

Signature of Person Mailing Paper

**Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

TRANSMITTAL LETTER

Enclosed for filing in the above-identified patent application, please find the following documents:

1. Response to Office Action mailed August 19, 2004; and
2. Return Post Card.

The Commissioner for Patents is hereby authorized to charge any fees to Deposit Account No. 16-0085, Reference 2846/2102. A duplicate of this transmittal letter is enclosed for this purpose.

Respectfully submitted,

Date: November 19, 2004

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Commissioner for Patents
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Alexandria, VA 22313-1450

AMENDMENT AND REPLY

Sir:

This Amendment is being filed in response to the Office Action mailed from the U.S. Patent and Trademark Office on August 19, 2004 in the above-identified application.

Reconsideration and further examination are requested.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are shown in the "Listing of the Claims" which begins on page 3 of this paper.

Remarks begin on page 6 of this paper.

Please enter the following amendments and remarks.